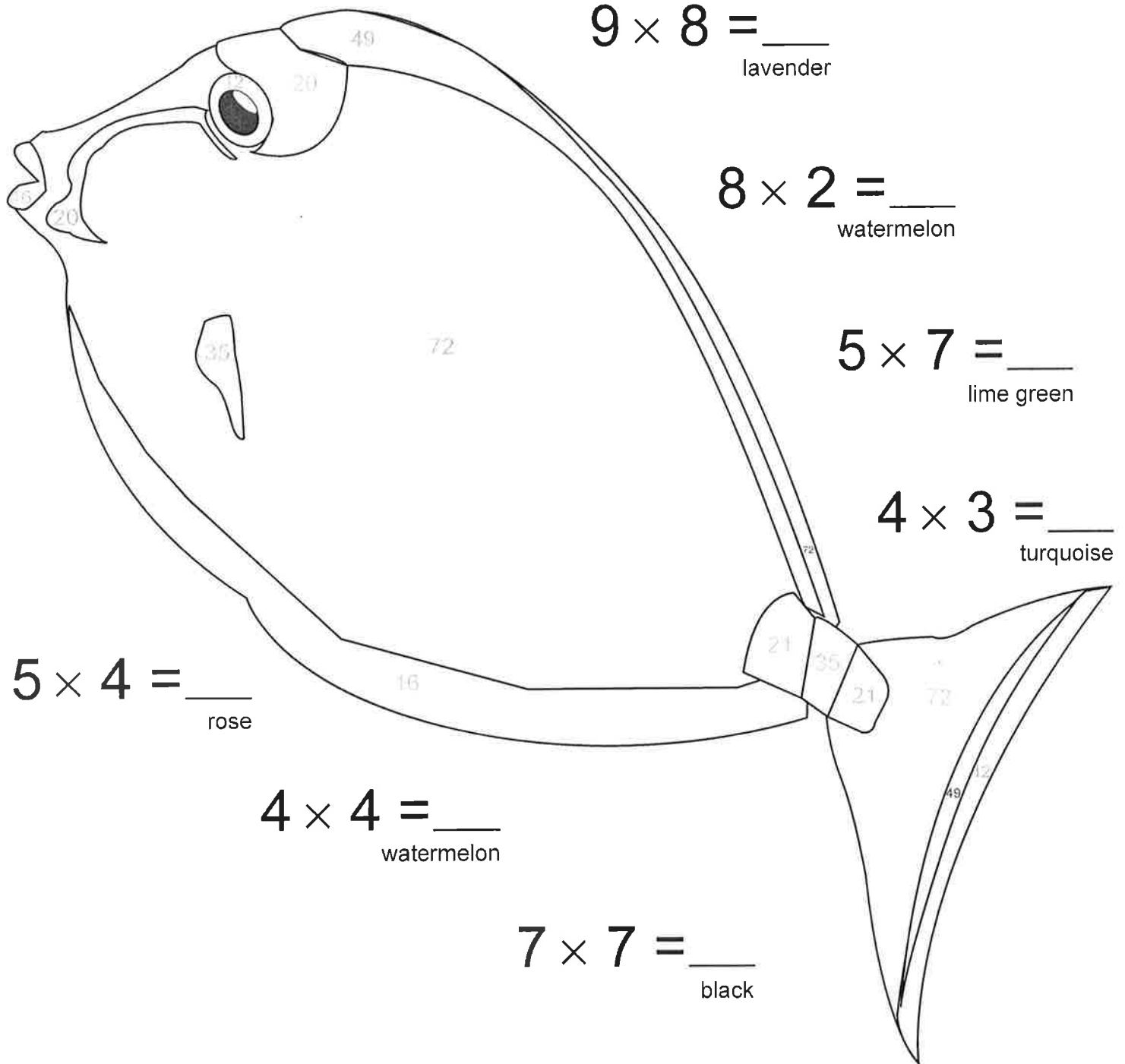


Multiplication Color By Number

Once you have solved the multiplication problems below, you can color in the fish using the color that is listed under each answer.

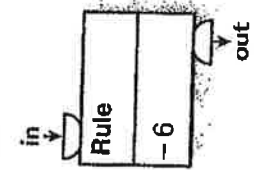




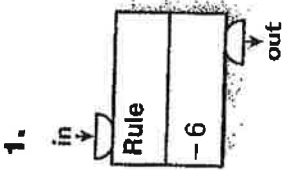
Find each missing number. (Write your answers on a separate sheet of paper.)

Example

in	out
6	11
9	14
3	8
15	20
11	16

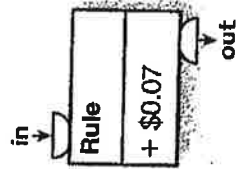


in	out
15	9
10	
17	
21	
30	



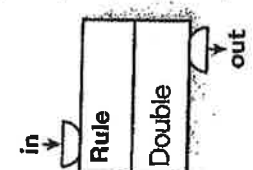
2.

in	out
\$0.14	\$0.21
\$0.07	
\$0.09	
\$0.18	
\$0.21	



3.

in	out
5	10
6	
10	
12	
15	



Choose one of the diagrams to help you solve each number story below.

Write all of your answers on a separate sheet of paper.

- Bedelia picked 23 flowers Tuesday. She picked more flowers Wednesday. She picked a total of 47 flowers. How many flowers did she pick Wednesday?

Answer the question:

Number model:

- Sara spelled 83 words correctly at this year's spelling contest. Last year she spelled only 47 words correctly. What is the difference between her two scores?

Answer the question:

Number model:

- Larissa made 67 paper birds for a crafts fair. Then she made 38 paper insects. How many objects did she make in all?

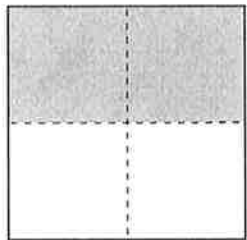
Answer the question:

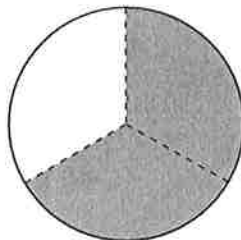
Number model:

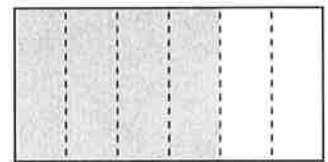
Quantity	
Quantity	Difference
Total	
Part	Part
Start	Change
	End

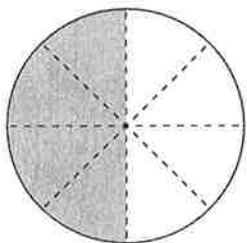
Fun Fractions

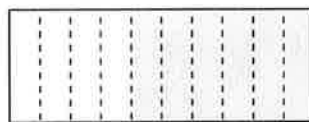
What fraction of the shape has been colored?
Write the fraction under the shape.

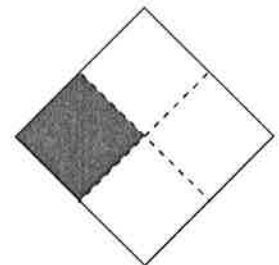




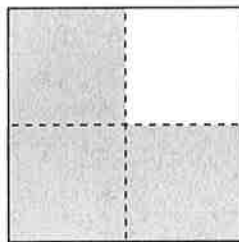


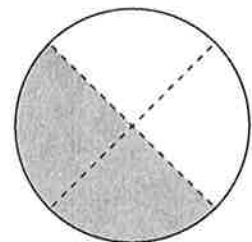






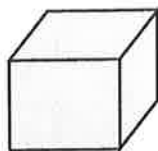




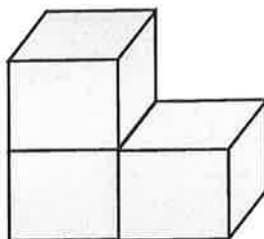


Counting Volume

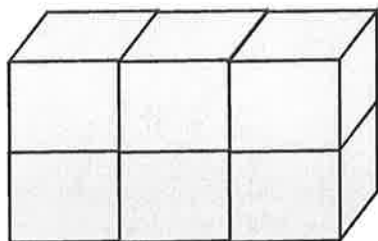
Find the volume by counting the cubic units. Write down the answer.
Note: some squares cannot be seen in a picture, but you know they are there.

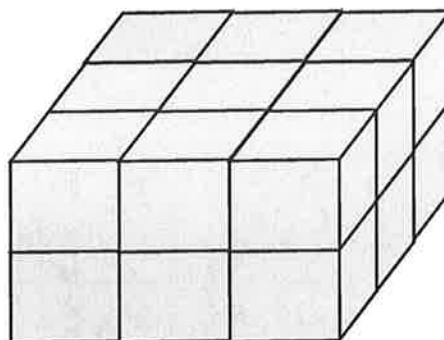


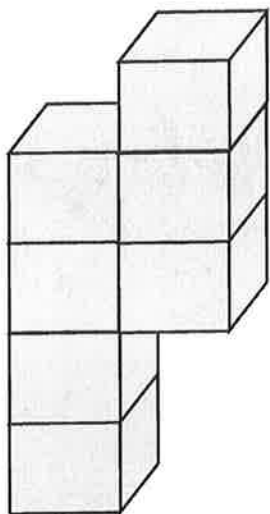
1 cubic unit

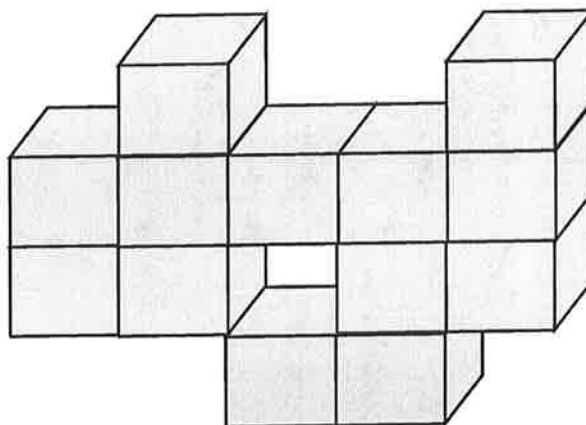


3 cubic units









Practice Set 12 (cont.)

Write all of your answers on a separate sheet of paper.

Count by 10s. Find the missing numbers.

4. 400; 410; ; 430; ; 460; ; ; 500
5. 1,010; 1,020; ; 1,040; ; ; 1,070; ; ; 1,100
6. 3,225; 3,235; ; ; 3,265; ; ; ; 3,305;
7. 8,712; 8,722; ; 8,742; ; ; 8,772; ; ; 8,802
8. 3,218; 3,228; ; ; 3,258; ; ; ; 3,298;

Tell what the underlined digit stands for in each number.

Example 9,613 6 hundreds, or 600

9. 2,917 10. 3,046 11. 851
12. 8,046 13. 5,425 14. 14,523
15. 6,791 16. 4,380 17. 63,941

Write the addition and subtraction number family for each group of numbers.

Example 5, 17, 22 $5 + 17 = 22$
 $17 + 5 = 22$
 $22 - 5 = 17$
 $22 - 17 = 5$

18. 28, 9, 37 19. 50, 30, 80 20. 6, 57, 63
21. 60, 8, 52 22. 70, 90, 160 23. 400, 500, 900

Practice Set 13

Estimate first. Then use the partial-sums addition method to add.

Write all of your answers on a separate sheet of paper.

Example

100s	10s	1s
4	6	7
+	1	8
4	0	0
	7	0
	1	5
4	8	5

1.
$$\begin{array}{r} 345 \\ + 69 \\ \hline \end{array}$$

Ballpark estimate:

$$470 + 20 = 490$$

Ballpark estimate:

2.
$$\begin{array}{r} 38 \\ + 45 \\ \hline \end{array}$$

Ballpark estimate:

3.
$$\begin{array}{r} 75 \\ + 129 \\ \hline \end{array}$$

Ballpark estimate:

Zoey Chase is on the Case!

Zip Code Capers: East Coast USA

4th Grade

Detective Zoey Chase is searching for Shady Steele throughout the Eastern United States after he escaped from jail in Milwaukee, Wisconsin. Help Zoey follow Shady by solving the following multiplication problems and drawing a line to each city and zip code where he stops in the order the problems are given.



1.
$$\begin{array}{r} 2,558 \\ \times 21 \\ \hline 2,558 \\ + 51,160 \\ \hline 53,718 \end{array}$$
 Madison

2.
$$\begin{array}{r} 493 \\ \times 123 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3,853 \\ \times 12 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 191 \\ \times 159 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 887 \\ \times 37 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 291 \\ \times 97 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 221 \\ \times 96 \\ \hline \end{array}$$

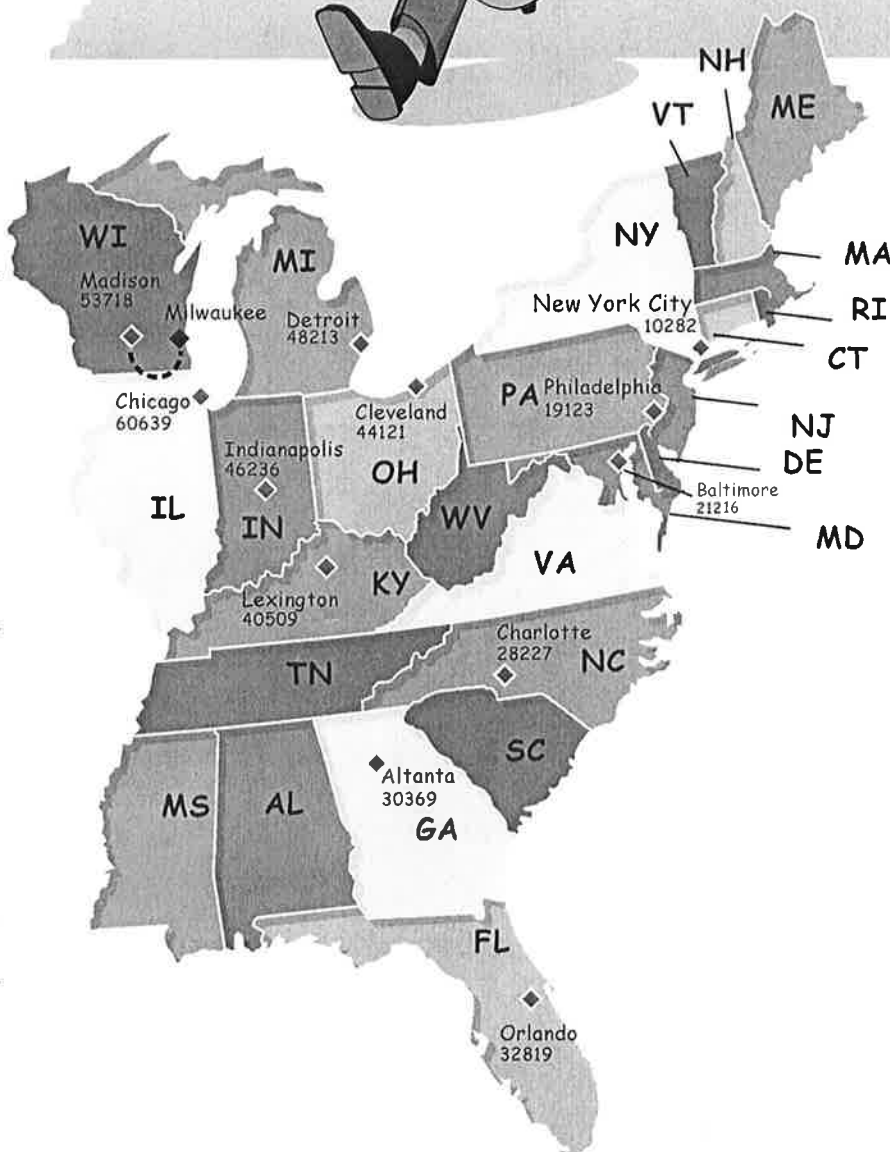
8.
$$\begin{array}{r} 1,471 \\ \times 13 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 106 \\ \times 97 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 643 \\ \times 63 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 231 \\ \times 191 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 487 \\ \times 99 \\ \hline \end{array}$$





Write all of your answers on a separate sheet of paper.

Match each amount of money with an equal amount from the list at right. Then write the letter that identifies that amount.

7. fourteen dollars and two cents **A.** twelve dollars and forty cents
B. \$12.04
C. forty-one dollars and twenty cents
D. \$1.42
E. twenty dollars and fourteen cents
F. ten dollars and forty-two cents
G. \$14.02
8. \$20.14
 9. \$41.20
 10. \$12.40
 11. \$10.42
 12. twelve dollars and four cents
 13. one dollar and forty-two cents

Find the missing numbers. You can use counters or draw pictures.

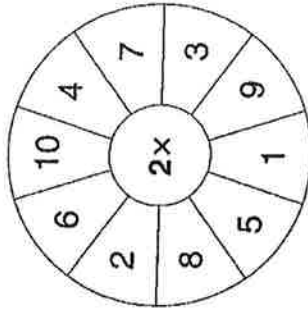
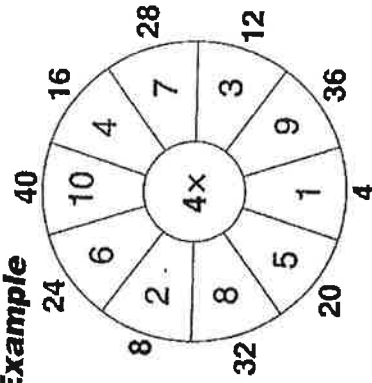
4. 15 pieces of candy 15. 12 tennis balls
 4 children share equally 3 balls per can
 pieces per child filled cans
 pieces remaining balls remaining
6. 14 carrots 17. 27 books
 6 rabbits share equally 8 books per box
 carrots per rabbit filled boxes
 carrots remaining books remaining

Use with or after Lesson 4.6

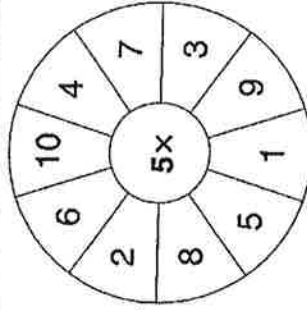


Copy each fact platter on a separate sheet of paper. Multiply the number in the center of the circle by each number on the circle. Then write the product outside the circle.

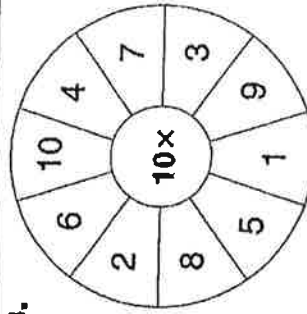
Example



2.



3.



Tell what the underlined digit stands for in each number. (Write your answers on a separate sheet of paper.)

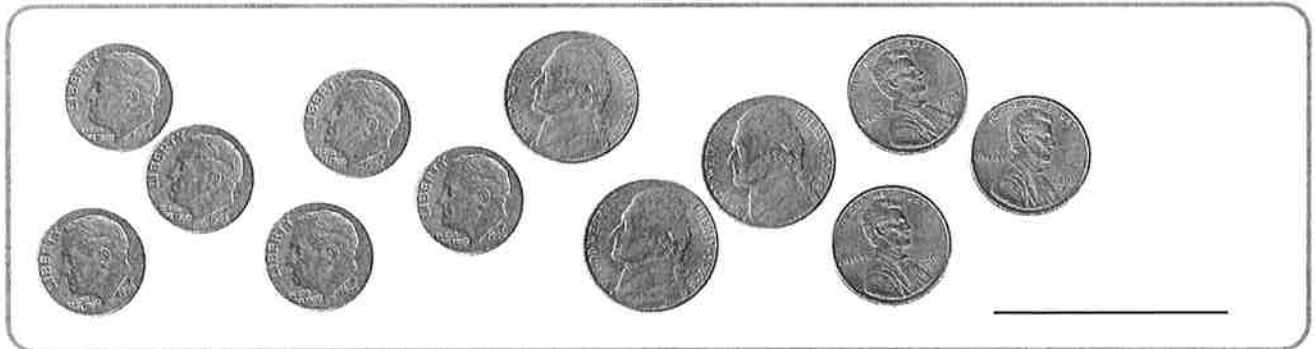
Example 5,416 5,000 or 5 thousands

4. 796 5. 7,514 6. 648
 7. 8,954 8. 42,597 9. 9,046
 10. 58,029 11. 6,309 12. 3,189

Use with or after Lesson 4.8.

Count the Change

Count and add the coins to find the total value!



Practice Set 27 (cont.)



Write a multiplication fact to find the total number of dots in each array.

Write all of your answers on a separate sheet of paper.

Example	<pre> </pre>	$3 \times 7 = 21$ 21 total dots
----------------	--	------------------------------------

13.

```

      . . .
      . . .
      . . .
      . . .
      . . .
          
```

14.

```

      . . . . .
      . . . . .
      . . . . .
      . . . . .
      . . . . .
          
```

15.

```

      . .
      . .
      . .
      . .
      . .
      . .
          
```

16.

```

      . .
      . .
      . .
      . .
      . .
      . .
          
```

17.

```

      . . . . .
      . . . . .
      . . . . .
      . . . . .
      . . . . .
          
```

18.

```

      . . . . .
      . . . . .
      . . . . .
      . . . . .
      . . . . .
          
```

Practice Set 28



Write all of your answers on a separate sheet of paper.

Answer each question using the numbers in the box.

79,512	29,517	12,759	27,951	95,721
--------	--------	--------	--------	--------

- Which numbers have 5 tens?
- Which number has 5 thousands?
- Which numbers have 1 ten?
- Which numbers have 9 thousands?
- Which number has 9 ten-thousands?
- Which numbers have 7 hundreds?
- Which number has 2 ones?
- Which numbers have 5 hundreds?
- Which numbers have 2 ten-thousands?
- Which numbers have 1 one?
- Which number has 7 thousands?

Find each product.

12. 1×7 13. 5×2

14. 8×2 15. 3×10

16. 6×5 17. 9×5

18. 10×5 19. 8×0 20. 6×1

Unit
pink elephants

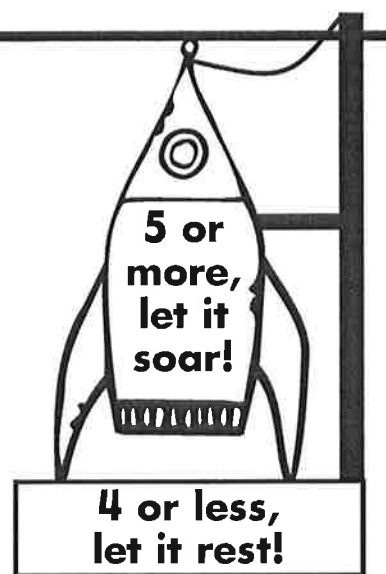
Name: _____

Date: _____

First, find the place value that you are rounding to.
Then, look at the number immediately to the right.

If the number to the right is 5 or more, increase the place value number by one and make the remaining numbers to the right zeros. **16 becomes 20**

If the number to the right is 4 or less, keep the place value number the same and make the remaining numbers to the right zeros. **14 becomes 10**



Round to the nearest 10.

- | | | |
|--------------------------|-------------------|-------------------|
| A. 54 = almost <u>50</u> | 91 = almost _____ | 64 = almost _____ |
| B. 69 = almost _____ | 82 = almost _____ | 88 = almost _____ |
| C. 33 = almost _____ | 28 = almost _____ | 37 = almost _____ |
| D. 76 = almost _____ | 45 = almost _____ | 99 = almost _____ |

Round to the nearest 100.

- | | | |
|----------------------------|--------------------|--------------------|
| E. 652 = almost <u>700</u> | 481 = almost _____ | 522 = almost _____ |
| F. 320 = almost _____ | 768 = almost _____ | 149 = almost _____ |
| G. 805 = almost _____ | 916 = almost _____ | 674 = almost _____ |
| H. 163 = almost _____ | 290 = almost _____ | 358 = almost _____ |

Round to the nearest 1,000.

- | | | |
|--------------------------------|----------------------|----------------------|
| I. 5,263 = almost <u>5,000</u> | 2,981 = almost _____ | 9,237 = almost _____ |
| J. 7,891 = almost _____ | 3,496 = almost _____ | 5,509 = almost _____ |
| K. 1,026 = almost _____ | 8,804 = almost _____ | 6,112 = almost _____ |
| L. 6,549 = almost _____ | 4,175 = almost _____ | 2,466 = almost _____ |



Write all of your answers on a separate sheet of paper.

Match each number in the first list with the same number in the second list. Write the letter that identifies that matching number.

- | | |
|--------------------------------|--------------------|
| 1. .5 | A. .004 |
| 2. two hundred one thousandths | B. 2 tenths |
| 3. .521 | C. .040 |
| 4. .05 | D. 5 tenths |
| 5. 21 thousandths | E. 21 hundredths |
| 6. 4 thousandths | F. .201 |
| 7. .4 | G. 521 thousandths |
| 8. .2 | H. .021 |
| 9. 40 thousandths | I. 4 tenths |
| 10. .21 | J. 5 hundredths |

Write < or > for each.

- | | |
|-------------|-----------|
| 11. 465,243 | 564,243 |
| 12. 107,453 | 107,452 |
| 13. 999,999 | 1,000,000 |
| 15. 848,484 | 484,848 |
| 17. 359,416 | 369,416 |
| 19. 600,770 | 600,707 |
| 14. 382,591 | 382,491 |
| 16. 12,495 | 112,495 |
| 18. 992,450 | 992,460 |
| 20. 739,418 | 843,291 |

Unit
harbor seals



Write all of your answers on a separate sheet of paper.

Count the number of line segments used to make each figure.

-
-
-
-

For each problem below, write a number model. Then find the missing numbers.

- 12 pens are shared equally among 4 children. How many pens does each child get?
 $\square \div \square \rightarrow \square$ R \square
 Each child gets \square pens.
 \square pens are left over.
- 8 toy mice are shared equally among 3 cats. How many mice does each cat get?
 $\square \div \square \rightarrow \square$ R \square
 Each cat gets \square mice.
 \square mice are left over.
- Brian has 11 sweaters and puts 3 in each drawer. How many drawers does Brian fill?
 $\square \div \square \rightarrow \square$ R \square
 Brian fills \square drawers.
 \square sweaters are left over.

Missing Number Puzzles

These puzzles are tricky!

Use 1 through 4 to finish each equation. Use each number only once.

Each column is a math equation. Each row is a math equation.

HINT: Multiply BEFORE you add and subtract!

1.

	-		1
X		X	
	X		12
8		3	

2.

	+		3
X		-	
	X		12
3		-2	

3.

	-		1
-		+	
	X		4
2		6	

4.

	X		2
-		X	
	X		12
-2		8	

Answers

1.

	3		8
12	3	X	4
	X		X
1	1	-	2

2.

	-2		3
12	4	X	3
	-		X
3	2	+	1

3.

	6		2
4	4	X	1
	+		-
1	2	-	3

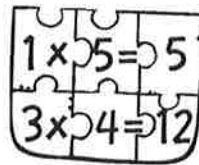
4.

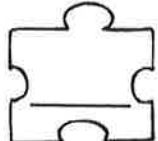
	8		-2
12	4	X	3
	X		-
2	2	X	1

Name: _____

Date: _____

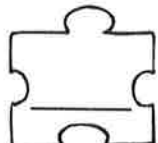
Write the missing factors.




A.  $\times 3 = 12$


$6 \times$  $= 18$


$4 \times$  $= 16$

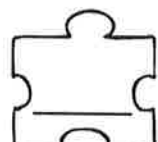
B.  $\times 9 = 27$

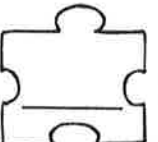
 $\times 5 = 20$

$3 \times$  $= 9$

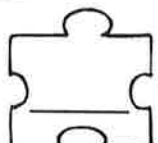
C. $6 \times$  $= 24$

 $\times 3 = 15$

 $\times 3 = 24$

D.  $\times 4 = 36$

$3 \times$  $= 21$

$3 \times$  $= 6$

"I did all that
multiplying for
nothing, nada, zip,
ZERO!"



In multiplication, any number multiplied by zero equals zero, and zero multiplied by any number equals zero.

Example: $? \times 0 = 0$ and $0 \times ? = 0$

$3 \times 0 = 0$ and $0 \times 3 = 0$

Multiply.

E. $7 \times 0 = \underline{\quad}$ $2 \times 0 = \underline{\quad}$ $0 \times 5 = \underline{\quad}$ $0 \times 1 = \underline{\quad}$

F. $0 \times 6 = \underline{\quad}$ $0 \times 4 = \underline{\quad}$ $3 \times 0 = \underline{\quad}$ $9 \times 0 = \underline{\quad}$

G. $8 \times 0 = \underline{\quad}$ $0 \times 7 = \underline{\quad}$ $6 \times 0 = \underline{\quad}$ $1 \times 0 = \underline{\quad}$



Write all of your answers on a separate sheet of paper.
Match each description with the correct example.
Write the letter that identifies that example.

1. parallel lines



2. intersecting lines



3. intersecting line segments



4. parallel rays



5. Draw a pair of parallel line segments.

6. Draw a pair of intersecting rays.

Write the multiplication and division fact family
for each group of numbers.

7. 25, 5, 5

8. 2, 4, 2

9. 8, 64, 8

10. 9, 9, 81

11. 42, 6, 7

12. 7, 7, 49

13. 8, 72, 9

14. 6, 30, 5

15. 27, 9, 3

16. 48, 6, 8

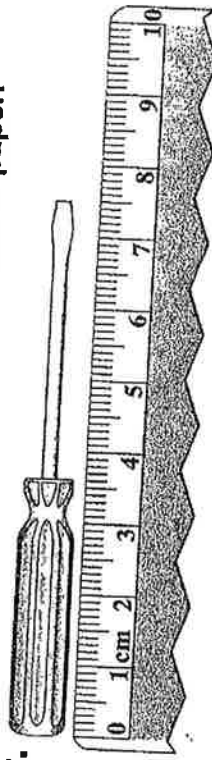
Practice Set 38 (cont.)



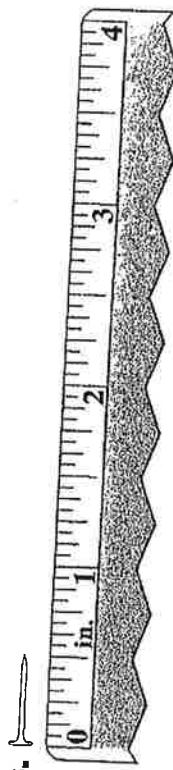
Measure each object to the nearest half-inch
or half-centimeter.

Write your answers on a separate sheet of paper.

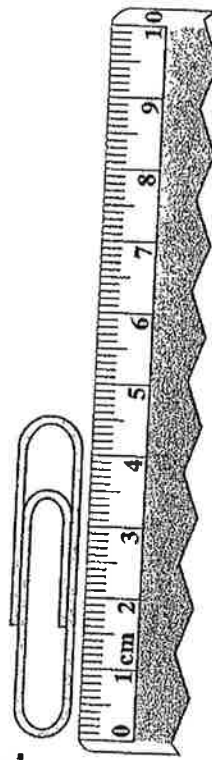
17.



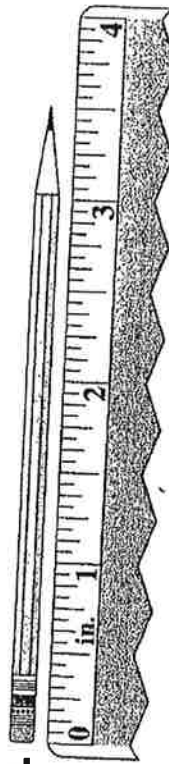
18.



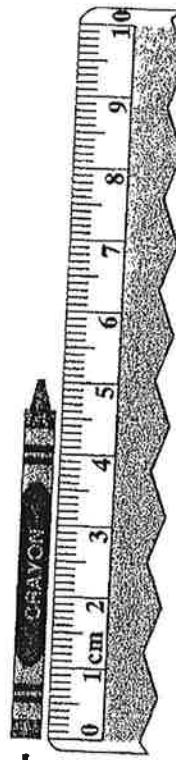
19.



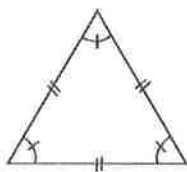
20.



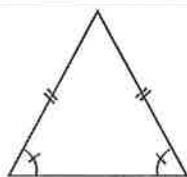
21.



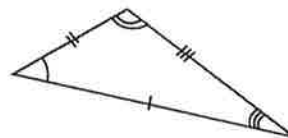
Meet the Triangles



Equilateral triangle



Isosceles triangle



Scalene triangle

Read the questions below. Write the name of the triangle, then draw it in the space provided.

1. I have 2 equal sides.

What kind of triangle am I? _____
Draw me!

2. I have 3 different sides and 3 different angles.

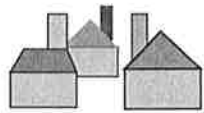
What kind of triangle am I? _____
Draw me!

3. I have 3 angles equal to 60° degrees.

What kind of triangle am I? _____
Draw me!





























4. I have 2 equal angles.

What kind of triangle am I? _____
Draw me!



Building A New Town: Reading a Pictograph

Building a new town takes a lot of time. See the construction progress in the pictograph. Answer the questions below. Note: each house in the pictograph stands for 20 houses.

Month and Year	Number of houses built
January 2009	       
April 2009	    
August 2009	     
December 2009	      
March 2010	 

 = 20 houses

Questions:

1. How many houses does this symbol  represent?

Answer: _____

2. In what month did they build more than 100 houses?

Answer: _____

3. How many houses were built from January 2009 to August 2009?

Answer: _____

4. How many more houses need to be built in April 2009 to be equal to those in December 2009?

Answer: _____

5. 200 houses need to be built in March 2010, how many symbols would you draw in the table?

Choose The Unit: Liquid Volume

Which measurement would you use for each item? Choose the correct one from the word bank below and write it down to complete the sentence.

ounce

cups

gallon

gallons

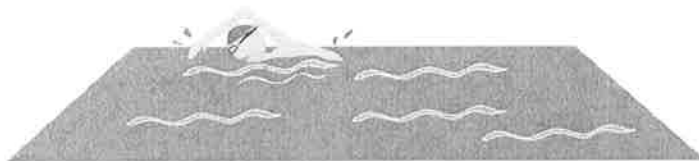
cups



This eyedropper holds 0.5 _____ of water.



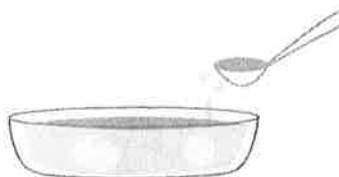
This milk carton holds a half _____ of milk.



This swimming pool holds 5,000 _____ of water .



This glass hold 2 _____ of orange juice.



This bowl contains 10 _____ of fruit punch.

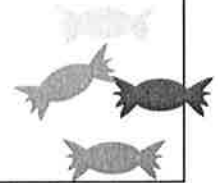
Logic Puzzle Fun! #1

Read the questions below and write down the answers.

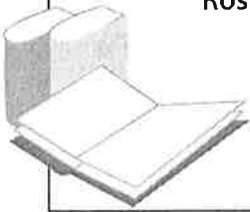
Tony had 10 pancakes. Mary had 2 pancakes more than Tony, and Ashley had 3 more pancakes than Mary. How many pancakes did Ashley have?



Danny bought 5 candies. Lucy bought 2 fewer than Danny. Jimmy bought 4 more than Lucy. How many candies did Jimmy buy?



Sam read 15 books over the summer. Jenny read 4 fewer books than Sam and Rose read 7 more books than Jenny. How many books did Rose read?



May had 20 peanuts. Erika had 10 more peanuts than May. Jacky had 5 fewer peanuts than Erika. How many peanuts did Jacky have?



Mike is 17 years old. Tiffany is 3 years younger than Mike. Roy is 5 years older than Tiffany. How old is Roy?




Multiplication Table

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0													
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

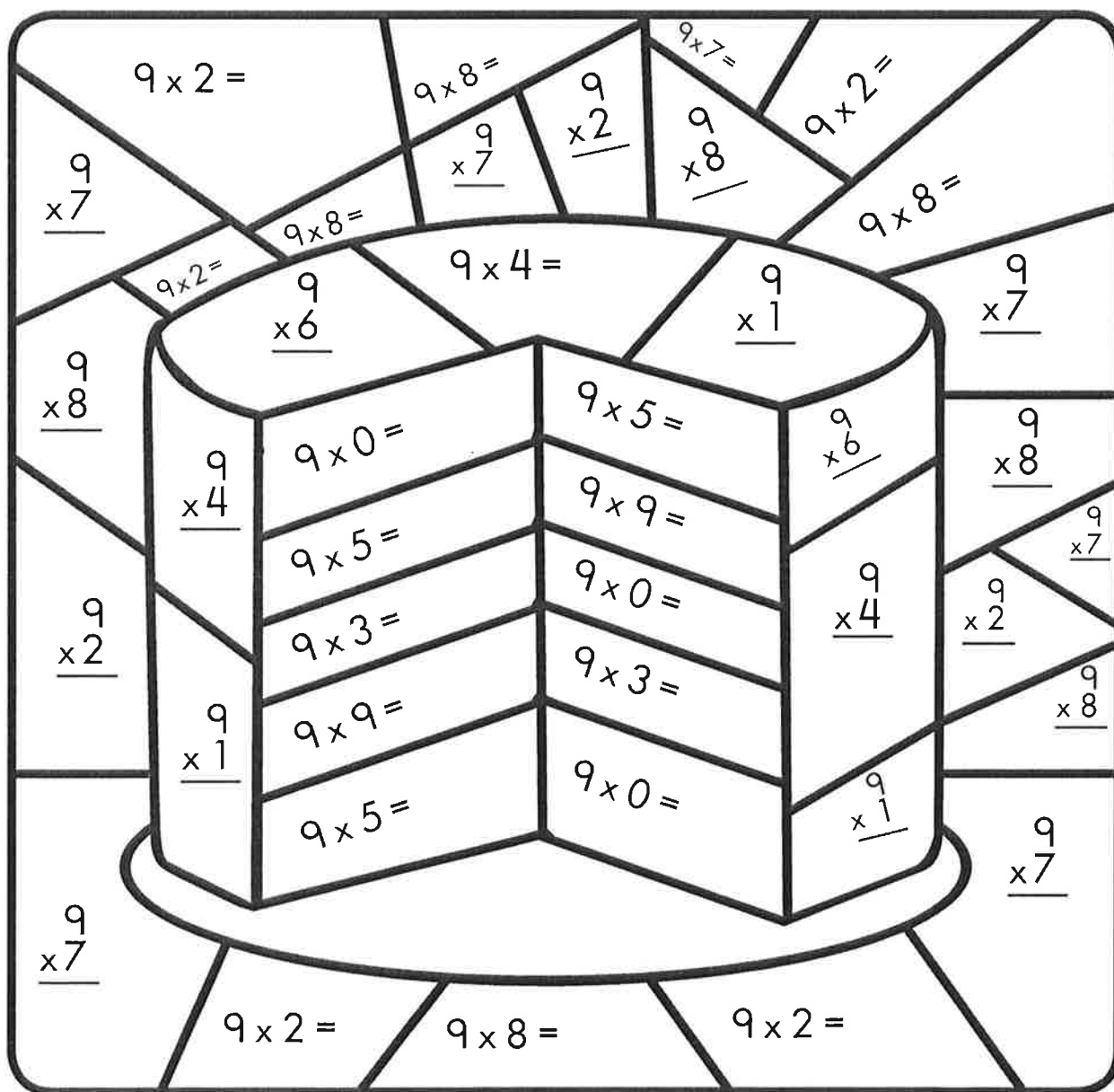


Date: _____



Tip:
When multiplying 9 by any number except 0, the numbers in the answer always add up to 9.

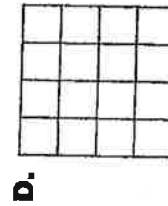
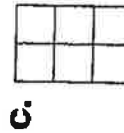
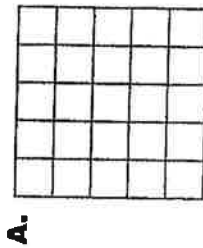
yellow	pink	green
0	9	18
27	36	63
45	54	72
81		



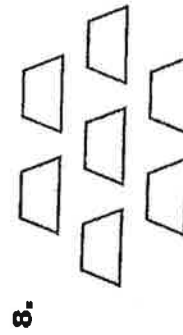
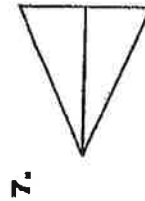
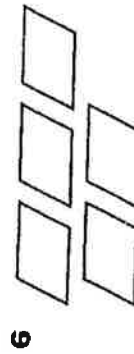
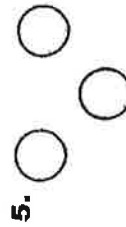
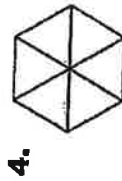
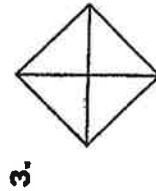
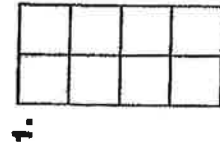
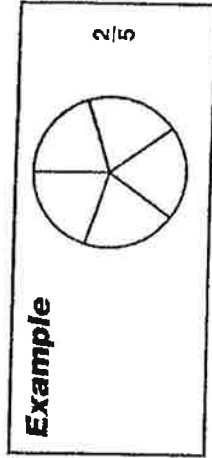


Match each description with the correct square or rectangle below. Write the letter that identifies the square or rectangle. (Write your answers on a separate sheet of paper.)

9. a rectangle with a perimeter of 18 units
10. a square with an area of 25 square units
11. a rectangle with an area of 10 square units
12. a rectangle with a perimeter of 10 units
13. a square with a perimeter of 20 units
14. a square that has the same number for its perimeter and its area
15. a rectangle that has an area of 14 square units
16. a rectangle that has a perimeter of 14 units



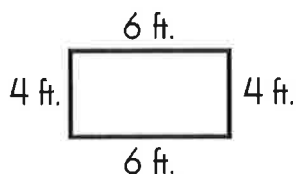
Write the fraction for the shaded part of each picture. (Write your answers on a separate sheet of paper.)



Name: _____

Date: _____

Perimeter is the distance around a figure.
To find the **perimeter**, add the length of the sides together.

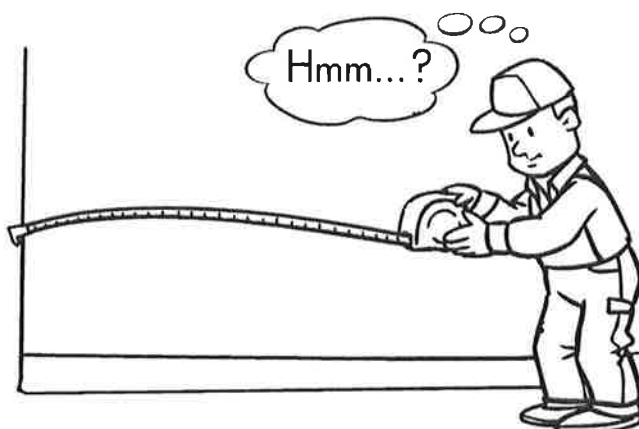


$$4 \text{ ft.} + 4 \text{ ft.} = 8 \text{ ft. and } 6 \text{ ft.} + 6 \text{ ft.} = 12 \text{ ft.}$$

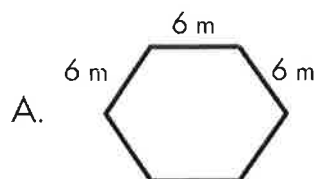
OR

$$4 \text{ ft.} \times 2 \text{ sides} = 8 \text{ ft. and } 6 \text{ ft.} \times 2 \text{ sides} = 12 \text{ ft.}$$

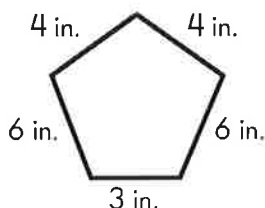
$$8 \text{ ft.} + 12 \text{ ft.} = 20 \text{ ft. perimeter}$$



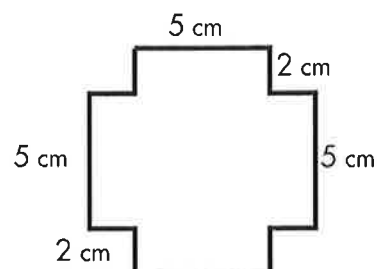
Find the **perimeter** of each shape.



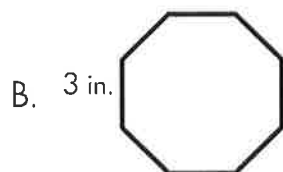
_____ meters



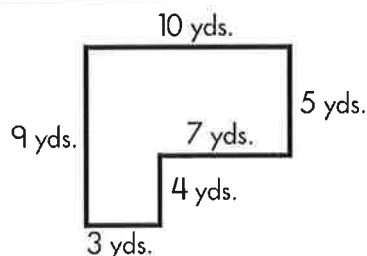
_____ inches



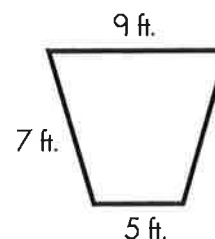
_____ centimeters



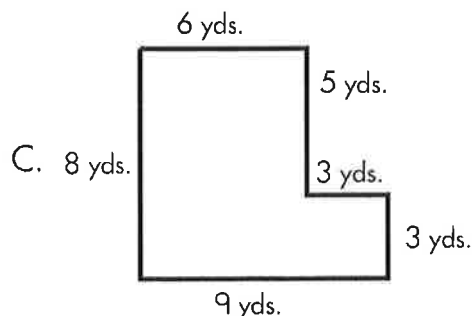
_____ inches



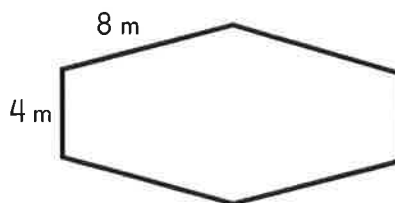
_____ yards



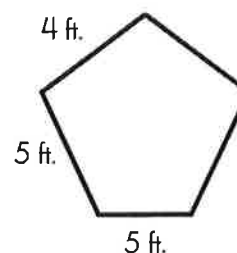
_____ feet



_____ yards



_____ meters



_____ feet

Triple Digit Addition



Complete the following
addition problems.



$$\begin{array}{r} 453 \\ + 410 \\ \hline \end{array}$$

$$\begin{array}{r} 586 \\ + 103 \\ \hline \end{array}$$

$$\begin{array}{r} 285 \\ + 514 \\ \hline \end{array}$$

$$\begin{array}{r} 592 \\ + 307 \\ \hline \end{array}$$

$$\begin{array}{r} 298 \\ + 601 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ + 234 \\ \hline \end{array}$$

$$\begin{array}{r} 472 \\ + 527 \\ \hline \end{array}$$

$$\begin{array}{r} 355 \\ + 644 \\ \hline \end{array}$$

$$\begin{array}{r} 224 \\ + 753 \\ \hline \end{array}$$

$$\begin{array}{r} 154 \\ + 535 \\ \hline \end{array}$$

$$\begin{array}{r} 857 \\ + 576 \\ \hline \end{array}$$

$$\begin{array}{r} 498 \\ + 198 \\ \hline \end{array}$$

$$\begin{array}{r} 405 \\ + 877 \\ \hline \end{array}$$

$$\begin{array}{r} 299 \\ + 418 \\ \hline \end{array}$$

$$\begin{array}{r} 687 \\ + 643 \\ \hline \end{array}$$

$$\begin{array}{r} 573 \\ + 386 \\ \hline \end{array}$$

$$\begin{array}{r} 928 \\ + 570 \\ \hline \end{array}$$

$$\begin{array}{r} 582 \\ + 199 \\ \hline \end{array}$$

$$\begin{array}{r} 378 \\ + 217 \\ \hline \end{array}$$

$$\begin{array}{r} 174 \\ + 632 \\ \hline \end{array}$$

Addition and Subtraction Practice (II)

Name _____ Date _____

Addition &
Subtraction

Read each problem. Fill in the circle next to the equation that shows the best way to solve the problem and the correct answer.

1. On Monday, the candy store owner sold six of the thirty-nine boxes of peanut chews on the shelf. How many boxes were left?
☐ a) $6 + 33 = 39$ ☐ b) $39 - 6 = 33$ ☐ c) $39 - 33 = 6$ ☐ d) $39 + 6 = 45$
2. Mrs. Dixon bought fifteen chocolate bars with almonds and four without almonds. How many chocolate bars did she buy in all?
☐ a) $19 - 4 = 15$ ☐ b) $15 + 4 = 20$ ☐ c) $15 + 4 = 19$ ☐ d) $19 - 15 = 4$
3. Jimmy bought a candy bar for fifty-two cents and a gumball for five cents. How much did his treats cost in all?
☐ a) $52 - 5 = 47$ ☐ b) $52 + 5 = 57$ ☐ c) $57 - 5 = 52$ ☐ d) $52 + 5 = 57$
4. Alison bought a twelve-pack of gum, and gave four pieces to her little brother. How many pieces did she have left?
☐ a) $12 - 4 = 8$ ☐ b) $12 - 8 = 4$ ☐ c) $12 + 4 = 16$ ☐ d) $4 + 8 = 12$
5. The store owner sold seven pounds of white chocolate and nine pounds of dark chocolate. How many pounds of chocolate were sold?
☐ a) $9 - 7 = 2$ ☐ b) $7 + 9 = 16$ ☐ c) $7 + 9 = 17$ ☐ d) $7 + 9 = 15$
6. Mr. Parson bought fifteen candy gift boxes, but later returned six to the store. How many boxes did he keep?
☐ a) $15 + 6 = 21$ ☐ b) $21 - 6 = 15$ ☐ c) $15 - 6 = 8$ ☐ d) $15 - 6 = 9$
7. Each box of saltwater taffy holds thirty-eight pieces. In each box, there are seven white pieces. How many pieces are not white?
☐ a) $38 + 7 = 45$ ☐ b) $38 - 7 = 32$ ☐ c) $38 - 7 = 31$ ☐ d) $38 - 31 = 7$
8. There are twelve jars of solid-colored jelly beans and six jars of speckled jelly beans. How many jars of jelly beans in all?
☐ a) $12 - 6 = 6$ ☐ b) $12 + 6 = 17$ ☐ c) $12 + 6 = 20$ ☐ d) $12 + 6 = 18$



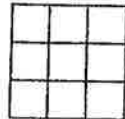
Write all of your answers on a separate sheet of paper.

Use lattice multiplication to solve each problem.

1. 8×49
2. 7×359
3. 6×314
4. 9×68
5. 5×456
6. 7×834

Write a multiplication fact to find the area of each square.

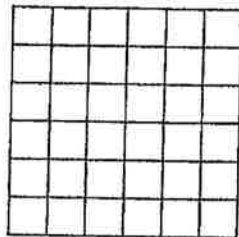
Example



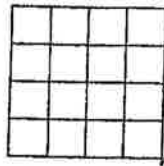
$$3 \times 3 = 9$$

Area = 9 square units

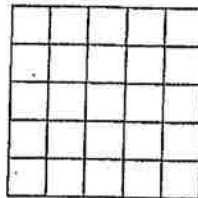
7.



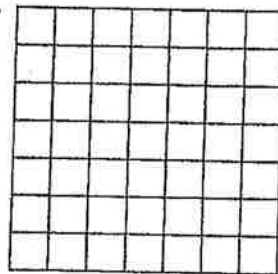
8.



9.



10.



Write all of your answers on a separate sheet of paper.

Multiply using the partial-products method.

Then use a calculator to check each answer.

Example

(40×70)	$2,800$
(40×8)	320
(3×70)	210
(3×8)	24
	3,354

1. 29×14

2. 34×51

3. 62×22

4. 44×36

5. 81×53

6. 39×28

7. 76×64

Use estimation to solve each problem.

8. Dina has \$25.00.

Does she have enough to buy a radio that costs \$14.79 and a CD that costs \$11.25?

9. Jaime has \$40.00.

Does he have enough to buy shoes that cost \$21.97 and two ties that cost \$8.50 each?

10. Janice has \$50.00.

How many plants can she buy if each plant costs \$11.95?

11. Jack has \$60.00. How many shirts can he buy if each shirt costs \$14.50?

12. Jason has \$63.00 in his savings account.

He received \$35.00 as birthday gifts. Does he have enough money to buy a bike that costs \$90.00?



Write all of your answers on a separate sheet of paper.
Solve each problem.

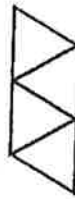
13. Arthur bought a goldfish for 49¢, a striped fish for \$0.72, and fish food for 68¢. How much did Arthur spend?

15. Betty wants to buy a dog collar for \$3.50, a water dish for \$2.79, and a toy bone for \$3.49. Can she buy all 3 items with \$10.00?

16. How much do the 3 items that Betty wants to buy cost altogether?

Write $>$, $<$, or $=$ for each \square .

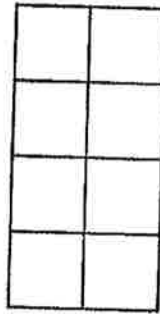
17. This is ONE:



$$\frac{2}{4} \square \frac{1}{4}$$

$$\frac{3}{4} \square \frac{1}{2}$$

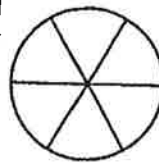
18. This is ONE:



$$\frac{5}{8} \square \frac{1}{2}$$

$$\frac{1}{4} \square \frac{2}{8}$$

19. This is ONE:



$$\frac{2}{3} \square \frac{4}{6}$$

$$\frac{1}{3} \square \frac{1}{2}$$



Write all of your answers on a separate sheet of paper.
Write the number and the unit for each problem.
Use Celsius temperatures.

Example 4 degrees below zero -4°C

1. 25 degrees above zero
2. 58 degrees below zero
3. zero degrees
4. 150 degrees above zero
5. 14 degrees below zero
6. 100 degrees below zero

Which temperature is colder? You can use the thermometer to help you.

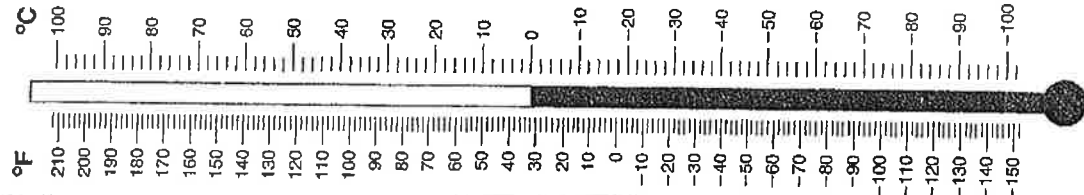
Example -6°C or -14°C
 -14°C is below -6°C on the thermometer.
 -14°C is colder than -6°C .

7. 0°C or 5°C
8. 2°C or -20°C
9. 9°C or -9°C
10. -7°C or 0°C

Which temperature is warmer? You can use the thermometer to help you.

Example 24°C or -2°C
 24°C is above -2°C on the thermometer.
 24°C is warmer than -2°C .

11. 0°C or -8°C
12. -98°C or 1°C
13. 15°C or -15°C
14. 12°C or -35°C





Write all of your answers on a separate sheet of paper.
Complete the list of factors for each number below.

The factors of a number are the numbers that can be multiplied by whole numbers to get that number or the numbers that a number can be divided by without having remainders.

Example Factors of 16: 1, 2, 4, 8, 16

Factors of 16: 1, 2, 4, 8, 16

15. Factors of 7: 1, 7

16. Factors of 18: 1, 2, 3, 6, 9, 18

17. Factors of 36: 1, 2, 3, 4, 6, 9, 12, 18, 36

18. Factors of 50: 1, 2, 5, 10, 25, 50

Solve each problem.

19. Jerry went swimming 20 minutes eating breakfast. What fraction of an hour did she spend eating breakfast? (Hint: June has 30 days.)
20. Sarah spent 20 minutes eating breakfast. What fraction of an hour did she spend eating breakfast? What fraction of an hour did she NOT spend eating breakfast?
21. Sam and two friends shared a pizza cut into 8 pieces. Sam ate 1 piece, and each of his friends ate 2 pieces. What fraction of the pizza did Sam eat? What fraction of the pizza did each friend eat? What fraction of the pizza was left over?



Write all of your answers on a separate sheet of paper.
Find each missing number. Use fractions.

1 meter = 10 decimeters 1 yard = 3 feet
1 meter = 100 centimeters 1 yard = 36 inches
1 decimeter = 10 centimeters 1 foot = 12 inches
1 centimeter = 10 millimeters

1. 1 yard = 12 inches 2. 1 meter = 8 decimeters
3. 1 foot = 1 yard 4. 50 centimeters = 1 meter
5. 9 inches = 1 foot 6. 1 centimeter = 3 millimeters
7. 1 yard = 2 feet 8. 9 centimeters = 1 meter
9. 1 meter = 2 decimeters 10. 1 decimeter = 3 centimeters
11. 5 inches = 1 foot 12. 1 meter = 3 centimeters

Find each answer. You can draw pictures or use counters.

13. There are 12 students taking swimming lessons. $\frac{1}{3}$ of them are third graders. How many are third graders?
14. The pet store has 10 dogs for sale. Half of the dogs are collies. How many of the dogs are collies?
15. Karen drew a picture of 8 flags. She colored $\frac{1}{4}$ of the flags orange. How many flags did she color orange? What fraction of the flags did she NOT color orange?

